

## ABSTRACT OF THE DISCLOSURE

In a vehicle air conditioner, a non-contact temperature sensor is used as an inside air temperature sensor for detecting a temperature in a passenger compartment. Based on infrared rays radiated from a predetermined area of the passenger compartment, the non-contact temperature sensor detects a surface temperature in the predetermined area in non-contact. Therefore, it is not necessary to blow air from the passenger compartment to the inside air temperature sensor in order to detect the temperature in the passenger compartment. Thus, energy consumption can be reduced while the temperature in the passenger compartment can be accurately detected. Accordingly, while the vehicle stops, the vehicle air conditioner can accurately determine whether air conditioning control by an air conditioning unit needs be started while energy consumption can be reduced.